



# IDENTITY MANAGEMENT AND SINGLE SIGN-ON

For leading UK Universities

Built a centralized Identity Management solution for  
Student and Staff Identity Life Cycle

## HIGHLIGHTS

- Automated Identity Management Solution for consistent and reliable profile creation and updates Seamless management of Student and Staff Identity
- Life Cycle with consistent availability of Account Profile information across the applications Fully resilient Single Sign-On environment integrating On-premise as well as Cloud Applications.
- Robust password management and profile management features implementation SSO with multiple Identity Stores such as Active Directory, Shibboleth / Open Athens, Azure Active Directory and LDAP

## REQUIREMENTS

### Secured, Maintainable and Scalable data integration and Interchange

The University IT team manages complex Active Directory structure for creation and management of Student Accounts and Staff Accounts. Universities typically use manual or script-based approach for creating new student and staff accounts in AD/LDAP. The process is time-consuming and mostly manual.

## TECHNOLOGY

Active Directory Federation Server (ADFS 3.0), Open Athens, Shibboleth, Windows Active Directory, LDAP, Microsoft Identity Manager 2016 (MIM)

## BUSINESS NEED

### IDENTITY MANAGEMENT (IDM)

- Streamline the process of user creation and profile updates. Update profile based on status, profile data update in Student Records System (e.g. Tribal SITS) and updates in HR systems (e.g. iTrent, HRPro) for Staff Profile data
- Reduce dependency on the manual process and achieve consistency in the processes
- Implement governance and guidelines for creating and managing User Accounts

### SINGLE SIGN-ON

- Build a robust and resilient Single Sign-On environment
- Provide unified login experience for the end user to access various University Applications
- Provide unified log in experience for Cloud Applications
- Support multiple Protocols such as SAML, CAS etc.

## PROVIDED SOLUTION

### IDENTITY MANAGEMENT (IDM)

- Implemented end-to-end student and staff account management process using Microsoft Office User
- Built Centralized Management Agents to extract and process profile information of nearly 5000+ Students and 200+ staff every year
- Integrated multiple applications including Student Records System and HR systems
- Built an audit mechanism specific to business workflow
- Built a Centralized solution to control access rights
- Created password management solution based on Azure AD, ADFS or MIM

### SINGLE SIGN-ON

- Designed highly-available and fully-resilient Single Sign-On infrastructure for both On Campus and Off Campus users
- The Solution is implemented On-Premise as well as on Cloud and provides reliable authentication
- Students and Staff can seamlessly log in to any system or application from anywhere
- Built a governance model to ensure secured access to sensitive information
- Capabilities to easily configure multi-factor authentication based on business need

## BUSINESS BENEFITS

### IMPROVED USER EXPERIENCE

### ENHANCED SECURITY PROFILES

### SIMPLIFIED AUDITING AND REPORTING

### EASY ACCESS NO MATTER WHERE THE STUDENT OR STAFF IS

### INCREASED PRODUCTIVITY

### REDUCED IT COST

